

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5713	(700/19 or 700/20 or 700/78 or 714/25 or 714/27 or 714/31 or 318/466 or 318/466).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 21:38
L2	1	1 and (motor or actuator) and (controller or processor) and ((speed or velocity or position) with (sens\$3 or detect\$6 or monitor\$3))and (((fault near3 diagnos\$6) or evaluat\$6 or observ\$6 or sampl\$3) with (motor or actuat\$6) with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 21:41
L3	1	2 and bus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 21:41
L6	12937944	"5"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 21:44
S1	2	US-20020185358-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 18:04
S2	4462	(motor or actuator) and ((multipl\$6 or plural\$6) near3 (sens\$3 or detect\$6 or monitor\$3)) and ((signal or output) with evaluat\$6) and (\$5controller or \$5processor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 18:18
S3	777	S2 and (data near3 bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 18:19
S4	4462	(motor or actuator) and ((multipl\$6 or plural\$6) near3 (sens\$3 or detect\$6 or monitor\$3)) and ((signal or output) with evaluat\$6) and (\$5controller or \$5processor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 19:55
S5	777	S4 and (data near3 bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 19:55

S6	469	S5 and (bus with (inputs or signals))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 19:55
S7	425	S6 and ((data or signal) with (evaluat\$6 or observ\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 19:57
S8	116	S7 and ((data or signal) with (evaluat\$6 or observ\$6) with unit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 19:57
S9	1	S8 and ((motor or actuator) with (coupl\$3 or connect\$6) with ((evaluat\$6 or observat\$6) adj3 unit)) and ((\$5controller or \$5processor) with (coupl\$3 or connect\$6) with ((evaluat\$6 or observat\$6) adj3 unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 20:00
S10	116	S7 and ((data or signal) with ((evaluat\$6 or observ\$6) with unit)) and (\$5controller or \$5processor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 20:02
S11	3	S10 and ((first adj data) near3 bus) and ((second adj data) near3 bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 20:04
S12	2	S11 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/06 20:05
S13	117	((operat\$6 near3 state) near3 actuat\$4) with ((plural\$5 or multiipl\$6 or second) near6 (sens\$3 or detect\$6 or monitor\$3 or determ\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/04 15:48
S14	2	S13 and (first adj3 bus) and (second adj3 bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/04 15:49
S15	1	S13 and (first adj3 (data adj2 bus)) and (second adj3 (data adj2 bus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/04 15:49
S16	27855	(actuat\$4 with ((plural\$5 or multiipl\$6 or second) near6 (sens\$3 or detect\$6 or monitor\$3 or determ\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/04 15:51
S17	9	S16 and (first adj3 (data adj2 bus)) and (second adj3 (data adj2 bus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/04 15:52
S18	3414223	(motor or actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 13:13

S19	24504	((sens\$3 or monit\$3 or detect\$6) with (data adj2 bus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 13:14
S20	4029	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 13:15
S21	2	"6157887".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 13:19
S22	1697	S20 and ((\$5controller or \$5processor) with ((bus adj2 data) or interface))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 14:01
S23	1548	S22 and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 14:01
S24	515	S23 and ((\$5controller or \$5processor) with motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 14:04
S25	166	S24 and (temperature with (measur\$3 or sens\$3 or detect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 14:08
S26	3	S25 and (voltage with temperature with (curve or characteristic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 14:28
S27	1420	((actuator or motor) with (sens\$3 or detect\$6 or monitor\$3) with data with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 15:46
S28	473	S27 and ((\$5controller or \$5processor) with bus) and (interface with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 15:49
S29	7	S28 and (first near6 bus) and (second near6 bus) and ((observ\$6 or evaluat \$6) with ((sens\$3 or detect \$6 or monitor\$3) near3 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 15:50
S30	5	S27 and ((sens\$3 or detect \$6 or monitor\$3) with data with bus with ((\$5processor or \$5controller) near3 first))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 16:01
S31	133767	(((\$5controller or \$5processor) with bus) and (interface with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 16:15
S32	195	S31 and (motor with (sens \$3 or detect\$6) with data with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 16:17

S33	15	S32 and (compar\$6 with (requir\$6 or command\$6 or predeterm\$6 or referenc\$4) with (actual or sens\$3 or detect\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/05 16:19
S34	2	"6445961".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 09:40
S35	1	S34 and (motor or actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 10:22
S36	0	S34 and (identif\$6 near3 (signal or source))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 10:45
S37	1	S34 and (data with (signal or source))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 10:46
S38	0	S34 and (fault with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 10:51
S39	0	S34 and fault	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 10:52
S40	0	S34 and (short adj2 circuit \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 10:52
S41	0	S34 and (overcurrent or overload)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 10:52
S42	2	S34 and error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 10:53
S43	0	S34 and (housing or enclosure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 11:05
S44	0	S34 and (error with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 11:08
S45	1	S34 and (error with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 11:08
S46	0	S34 and protocol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/11/06 11:11
S47	2	"6445961".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/26 09:38
S48	0	"6445961".pn. and protocol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/26 09:54

S49	1	"6445961".pn. and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/26 10:01
S50	9	"6,445,961"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/31 12:16
S51	9	S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/31 12:22
S52	12	((motor or actuator) with (sens\$3 or detect\$6 or monitor\$3) with (feedback or output or signal)) and ((evaluat\$6 with data) with \$6controller with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 14:56
S53	12	S52 and (bus with (first or data)) and (bus with (second or data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 15:02
S54	21	((motor or actuator) with (sens\$3 or detect\$6 or monitor\$3) with (feedback or output or signal)) and evaluat\$3 and (\$6controller or \$6processor) and (first adj bus) and (second adj bus) and data	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:06
S55	21	((motor or actuator) with (sens\$3 or detect\$6 or monitor\$3) with (feedback or output or signal)) and evaluat\$3 and (\$6controller or \$6processor) and (first adj bus) and (second adj bus) and data	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/09 09:43
S56	4	S55 and (compar\$6 with (sens\$6 or detect\$6 or monitor\$3 or actual) with (command or threshold or predeterm\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/09 09:43
S57	1	(S55 not S56) and ((compar\$6 or amplifier or error) with (sens\$6 or detect\$6 or monitor\$3 or actual) with (command or threshold or predeterm \$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/09 10:04
S58	2	de-19852276-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/09 11:42
S59	2	US-20020185358-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/09 11:44

S60	1	S59 and (compar\$6 or error or differen\$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/09 11:46
S61	2	us-20010037907-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/09 11:50
S62	1	S61 and bus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/09 11:55
S63	0	("2006/0136648").URPN.	USPAT	OR	ON	2009/09/10 10:40
S64	7	("4817080"   "5699348"   "5793963"   "5796721"   "6108782"   "6112241"   "6279037").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 10:41
S65	528317	((motor or actuator) with (sens\$3 or detect\$6 or monitor\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 13:00
S66	265	((sens\$3 or detect\$6 or monitor\$3) with (signal or output or parameter)) and (first adj3 bus) and (second adj3 bus) and (signal with (evaluat\$6 or compar\$6)) and ((\$6controller or \$6processor) with (motor or actuator))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 13:02
S67	208	S65 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 13:03
S68	38	S67 and (signal with (evaluat\$6 or compar\$6) with (sens\$3 or detect\$6 or monitor\$3) with (\$6controller or \$6processor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 13:09
S69	97062	motor and ((command or target\$6 or referenc\$3 or predeterm\$6 or threshold) with (compar\$6 or error) with (actual or sens\$3 or detect\$6 or operat\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:39
S70	16066	S69 and ((evaluat\$6 or observ\$6) with (actual or sens\$3 or detect\$6 or operat\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:41
S71	0	S70 and ((evaluat\$6 or observ\$6) with (actual or sens\$3 or detect\$6 or operat\$6) with (first adj3 bus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:42

S72	0	S69 and ((evaluat\$6 or observ\$6) with (actual or sens\$3 or detect\$6 or operat\$6) with (first adj3 bus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:42
S73	395	S69 and (first adj3 bus) and (second adj3 bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:43
S74	297	S73 and (evaluat\$6 or observ\$6 or sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:44
S75	105	S74 and ((motor or actuator) with (operat\$6 near3 (state or mode)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:46
S76	87	S75 and ((\$6controller or \$6processor) with (input or output or I/O) with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:57
S77	67	S76 and ((evaluat\$6 or observ\$6 or sampl\$4) with (input or output or I/O) with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 15:59
S78	20	S76 not S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 16:04
S79	2	"6445961".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 16:21
S80	6	("4218735"   "4430698"   "4742241"   "5119288"   "5754424"   "6049739").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 16:21
S81	7	("6445961").URPN.	USPAT	OR	ON	2009/09/10 16:26
S82	15	((fault near3 diagnos\$6) with (motor or actuat\$6) with bus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 16:37
S83	14	S82 and ((motor or actuator) with control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 16:39
S84	0	de-196654-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 17:33
S85	2	de-19614654-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 17:34
S86	2	de-19834868-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 17:49
S87	0	epo-01023703-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 17:54

S88	0	epo-001023703-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 17:54
S89	7	"1157887".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 17:58
S90	0	"61157887".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 17:58
S91	2	"6157887".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 17:59

**9/ 10/ 09 10:03:46 PM****C:\ Documents and Settings\ rleykin\ My Documents\ EAST\ Workspaces\ 10-598768.wsp**